

## Mint of the United States at Philadelphia, Pa.

SUPERINTENDENT'S OFFICE.

Aug. 14, 1885.

Hon. S. M. Fox, }  
 Superintendent, }

Sir: In dividing a storage vault (for Standard Silver Dollars) into compartments the space should be allotted at the rate of 500 cubic feet to the million.

A compartment nine feet in width and ten feet in depth, will contain \$2,160,000 in Silver dollars, in bags of  $7\frac{1}{2}$  duck. This would involve piling to the height of  $6\frac{1}{2}$  feet.

Compartments intended for Standard Dollars, and to secure the utmost economy of space, should be estimated by superficies.

Thus: Twelve 1000 dollar bags of such coin will lie side by side in a line nine feet extended. They will pack exactly right in that width, or in any



other preserving the ratio of  $\frac{9}{12}$  <sup>ft</sup> to  $\frac{12}{12}$  <sup>sq ft</sup>. The height of the vault must, of course, be six feet, but as none are less, it is better to say that, the superficies being estimated as foregoing, the capacity of a vault will depend upon the height, because it is possible and practicable to pack coin to the height of at least 8 feet.

The best proportioned compartments for storage silos are as 9 to any even number of feet in depth. A 1000 bag of dollars occupies almost exactly a space of  $9 \times 12$  inches, superficies.

Very Respectfully

W. H. Cobb  
arch

U. S. Mint.

August 14. '90

M. H. Cobb:

Cashier.

Relative to dividing  
Storage vault

Report as to storage of  
standard silver dollars in  
vault.

Cashier's Office Aug. 14/85

Recd Aug 14. 1885

[Abstract:] Relative to dividing storage vault.

Mint of the United States at Philadelphia, Pa.,  
Superintendent's Office,  
August 14, 1885

Hon. D.M. Fox,  
Superintendent

Sir:

In dividing a storage vault (for Standard Silver Dollars) into compartments the space should be allotted at the rate of 500 Cubic feet to the million.

A compartment nine feet in width and ten feet in depth, will contain \$2,160,000 in Silver dollars, in bags of 7 oz. duck. This would involve piling to the height of 6 ½ feet.

Compartments intended for Standard Dollars, and to secure the utmost economy of space, should be estimated by superfices.

Thus: Twelve 1000 Dollar bags of such coin will lie side by side in a line nine feet extended. They will pack exactly right in that width, or in any other preserving the ration of 9 ft. to 12 Bags. The height of the vault must, of course, be six feet, but as none are less, it is better to say that, the superfices being estimated as foregoing, the capacity of a vault will depend upon the height, because it is possible and practicable to pack coin to the height of at least 8 feet.

The best proportioned compartment for storage Silver as 9 to any even number of feet in depth. A 1000 bag of Dollars occupies almost exactly a space of 9 x 12 inches, superfices.

Very Respectfully,  
M.H. Cobb  
Cash.

[Noted on back:]

Report as to storage of standard silver Dollars in vault.

Cashier Cobb  
August 14, 1885